# INSTALLATION & USER MANUAL

## CEILING FAN WITH LIGHT
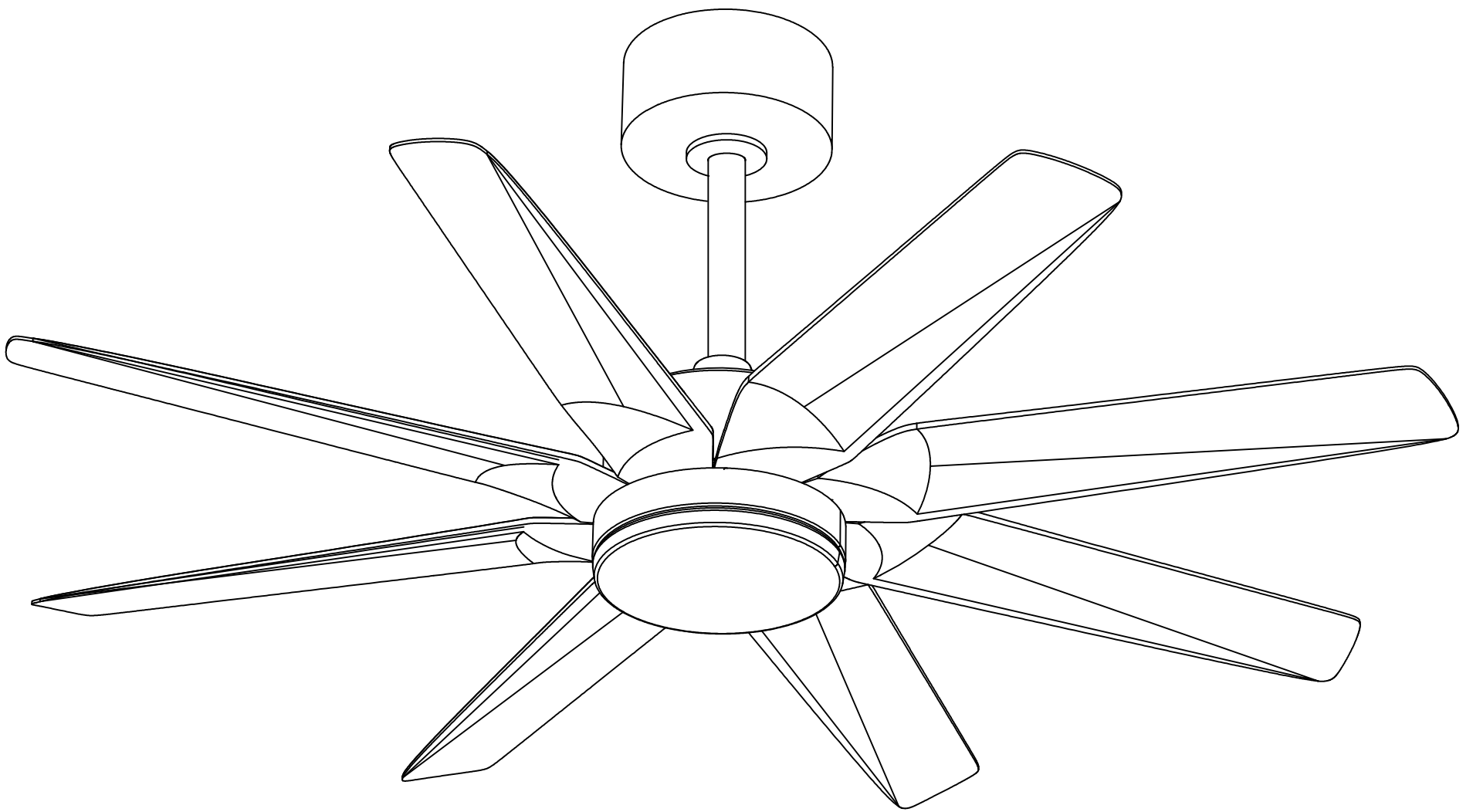
Customer Service: support@ breezary.com

# Table of Contents

# Safety Information

**READ AND SAVE THESE INSTRUCTIONS.**

1. To reduce the risk of electric shock, ensure electricity has been turned off at the circuit breaker or fuse box before you begin.

2. All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70" and local electrical codes. Electrical installation should be operated by a qualified licensed electrician.

3. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 35 lbs (15.9 kg). Use only UL Listed outlet boxes marked " Acceptable for Fan Support of 35 lbs. (15.9 kg) or less. "

4. Do not place objects in the path of the blades.

5. To clean the fixture, turn off the power, wait for it to cool, and wipe the fixture with a clean, soft cloth.

6. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the outlet box. The wires should be spread apart with the grounded conductor and the equipment grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.

7. All set screws must be checked and tightened where necessary before installation.

⚠ **WARNING:** To reduce the risk of electrical shock or fire, not use this fan with any solid-state fan speed control device. It will permanently damage the electronic circuitry.

⚠ **WARNING:** To reduce the risk of personal injury, do not bend the blade brackets when installing the rackets balancing the blades, or cleaning the fan.

⚠ **WARNING:** To reduce the risk of fire, electric shock or personal injury, mount to outlet box marked "acceptable for fan support of 35 lbs. (15.9 Kg) or less" and use screws provided with the outlet box.

⚠ **WARNING:** To avoid possible electrical shock, turn the electricity off at the main fuse box before wiring.

⚠ **WARNING:** To reduce the risk of electrical shock, this must be installed with an isolating wall control / switch.

⚠ **CAUTION:** To reduce the risk of personal injury, use only the screws provided with the outlet box.

⚠ **CAUTION:** Please use carefully when working around or cleaning the fan to avoid injury or damage of fan.

⚠ **CAUTION:** The fan must be mounted with a minimum of 7 ft (2.1 m) clearance from the trailing edge of the blades to the floor.
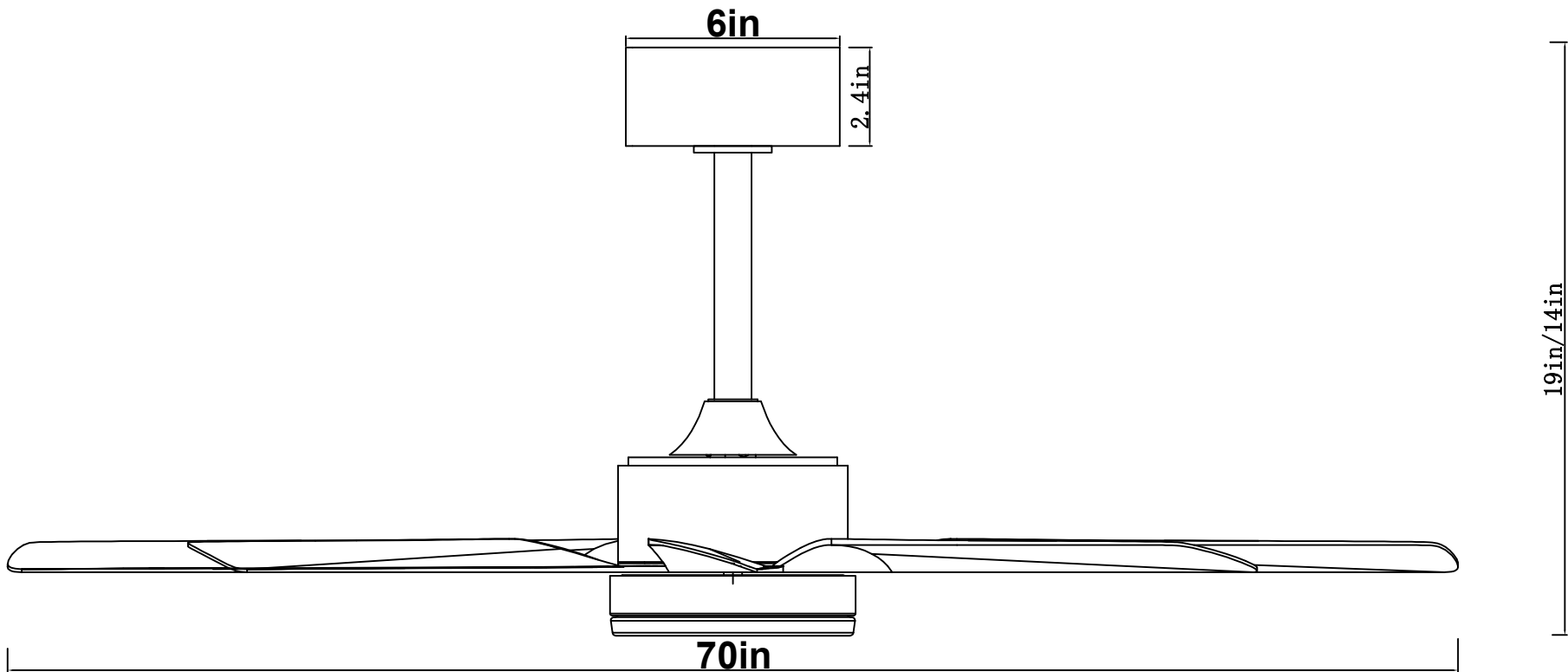
⚠ **CAUTION:** Changes or modifications not expressly approved by the party responsible for compliance could void the user 's authority to operate the equipment.
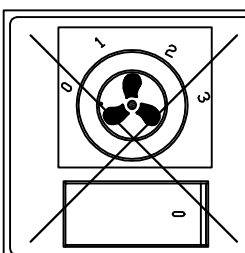
⚠ **CAUTION:** It is recommended that when installing a fan light, there is already a regulator at home, and the controller cannot be connected together.
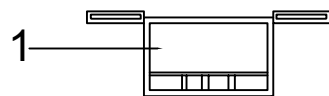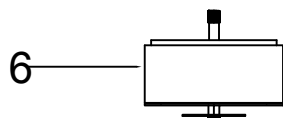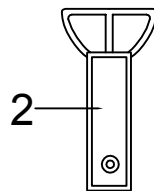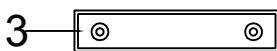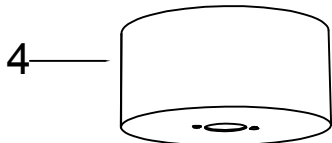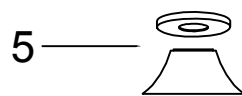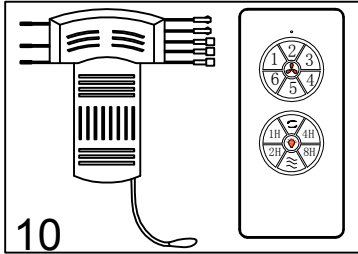
# Dimension Reference

6in

2.4in

19in/14in

70in

# Hardware Included

| | | Hardware Package | Quantity |
|---|---|---|---|
| S1 | S5 | S1. Wire Connector | 5 |
| S2 | S6 | S2. Wood Screw | 4 |
| S3 | S7 | S3. Expansion Screw | 2 |
| S4 | | S4. Sponge Pad | 2 |
| | | S5. Balanced Patch | 1 |
| | | S6. Fan Blade Screw | 25 |
| | | S7. Balance Clip | 1 |

# Fan Parts Included

| Name | Quantity |
|---|---|
| 1. Hanger Bracket | 1 |
| 2. Short Down rod | 1 |
| 3. Long Down rod | 1 |
| 4. Canopy | 1 |
| 5. Decorative cover | 1 |
| 6. Motor And Housing | 1 |
| 7. Lamp shade Base | 1 |
| 8. LED | 1 |
| 9. Lamp shade | 1 |
| 10. Remote Control (Batteries Not Included) | 1 |
| 11. Fan Blade | 8 |

3

# Exploded View
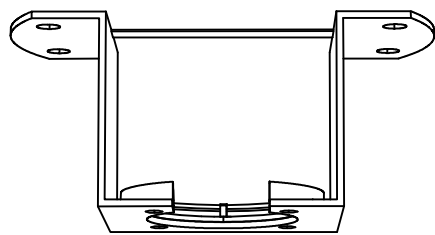
Hanger Bracket
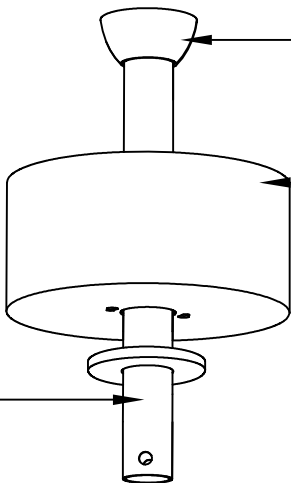
Hanger Ball

Canopy

Down Rod

Decorative cover
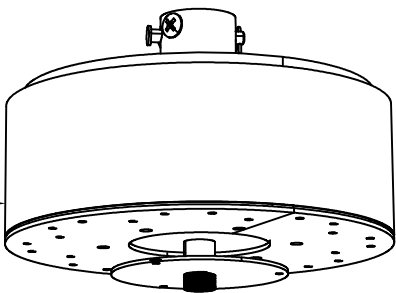
Fan Blade

Motor And Housing
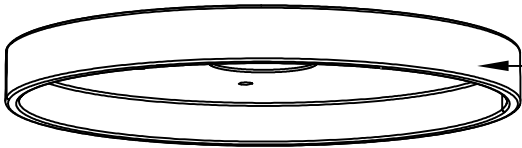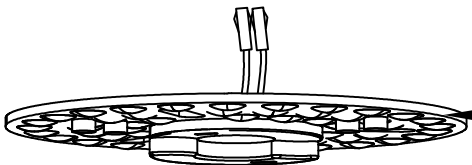
Lamp shade Base

LED
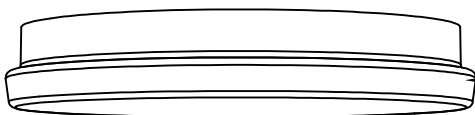
Lamp shade

# Installation Instructions

## Step1 MOUNTING

- Take out fan motor housing.
- Remove cotter pin and bolt from yoke.
- Loosen jam screw in yoke until it is flush with the inside surface.
- Take out down rod, canopy and yoke cover.
- Place down rod inside canopy and yoke cover.
- Route wires exiting motor through yoke cover, canopy and down rod.
- Insert bolt through hole in and down rod. Be careful not to damage or cut the fan wires.
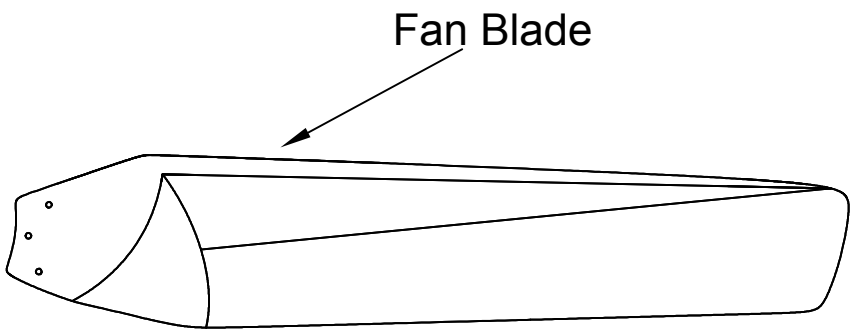- Tighten bolt. Secure with cotter pin through hole in the end of the bolt.
- Secure down rod in position by tightening jam screws. Side yoke cover down and it will flush with the motor housing.

**CAUTION:** To ensure wobble-free operation and to avoid damage to the fan, the down rod and the set screws must be completely tightened.

Fig. 1a — Locking Pin, Pin, Down rod Set Screw, Down rod Set Screw

Fig. 1b — Jam Screw

Fig. 1c — Downrod, Bolt, Cotter Pin

Fig. 1d — Canopy, Decorative cover

Fig. 1e — Hanger Ball
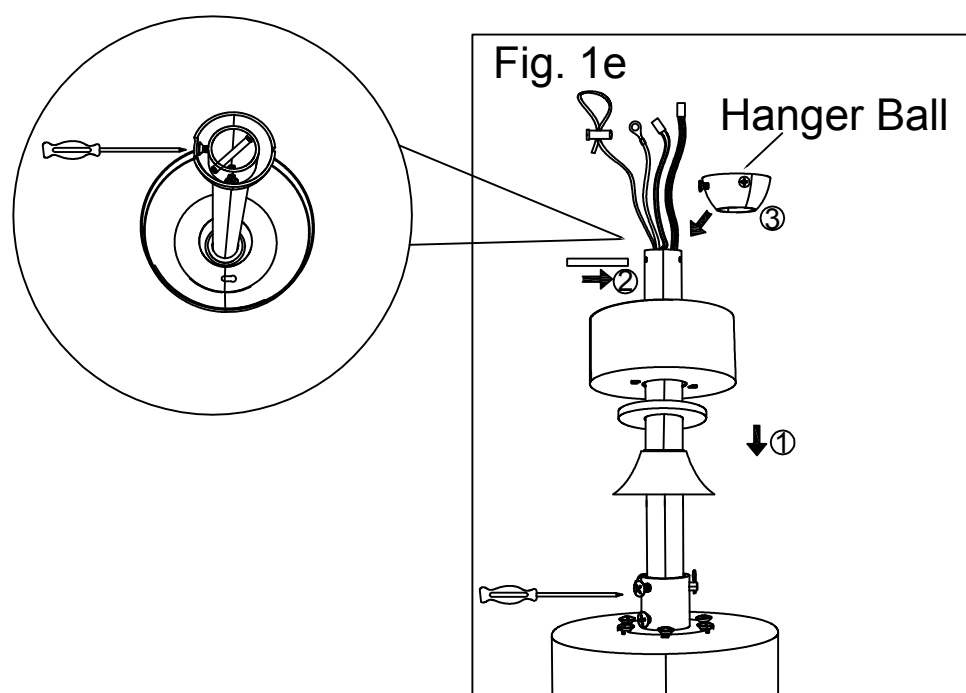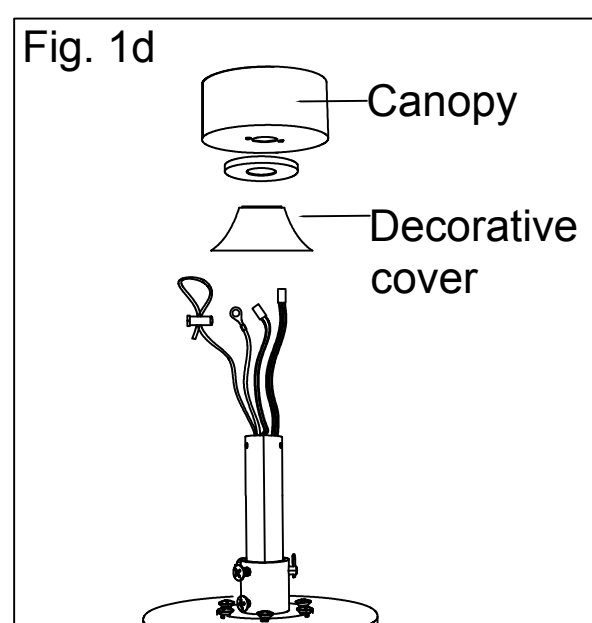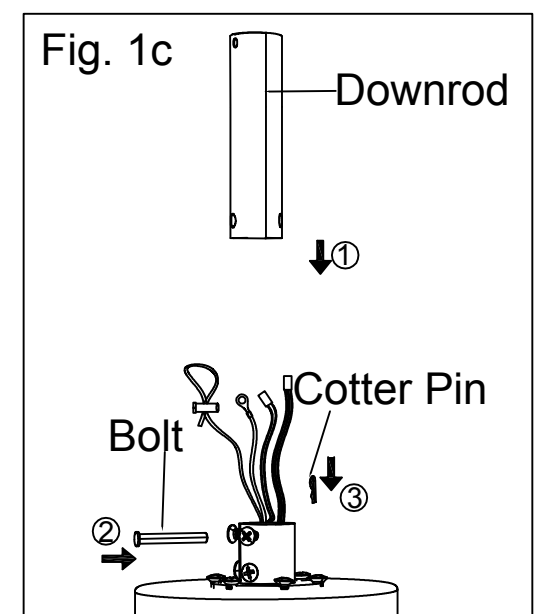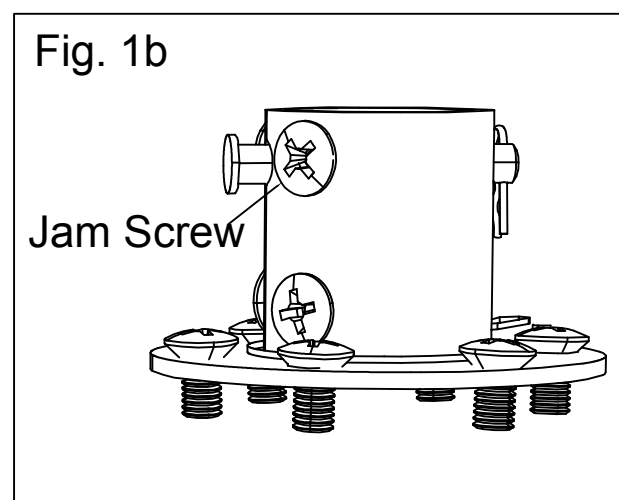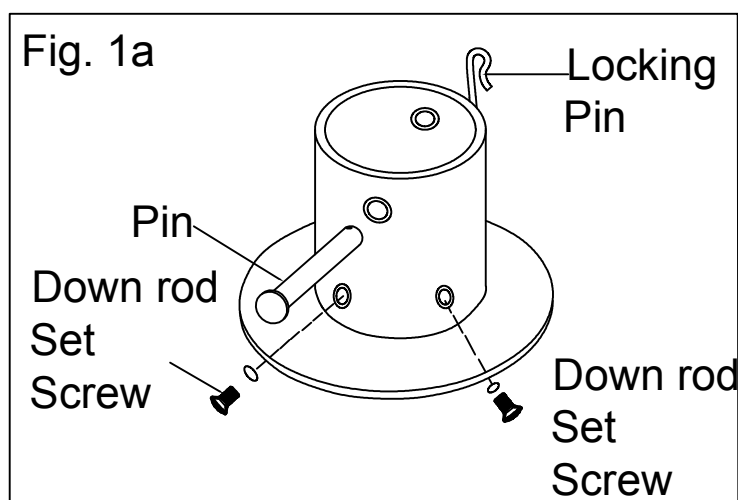
# Installation Instructions

## Step2 MOUNTING BLADES TO MOTOR

- Fix the fan blades on the motor in turn.



Fig. 2
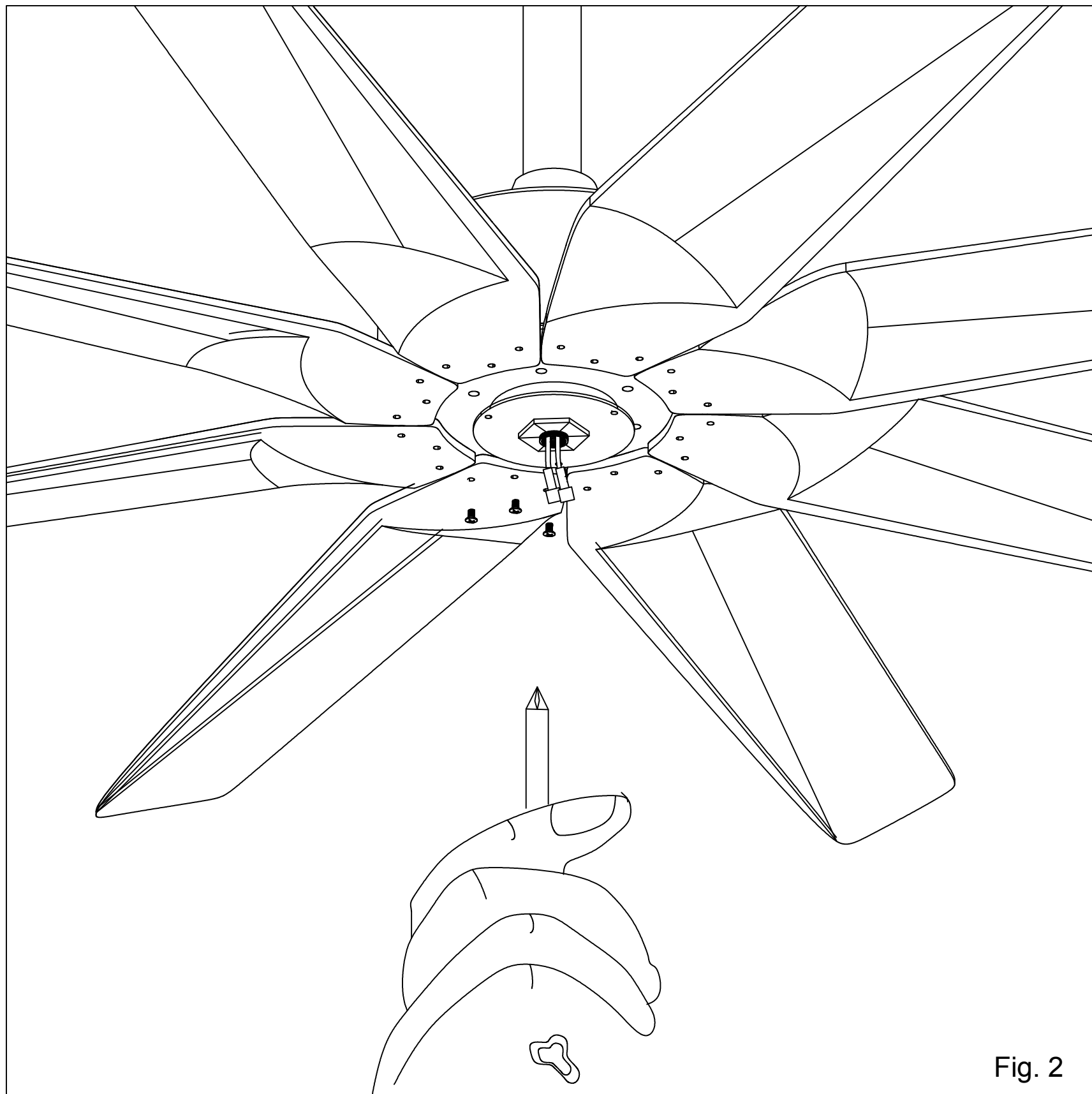
# Installation Instructions

## Step3 INSTALL MOUNTING BRACKET

- Install J-Hook through center of outlet box and into the wooden joist.
- Secure mounting bracket and rubber gaskets to metal outlet box.
- Hang the safety cable onto the J-hook.

Wood Joist
J-Hook
Outlet Box
Ceiling
Mounting Bracket
Outlet Box Screws
Fig. 3a

J-Hook
Safety Cable
Canopy
Fig. 3b
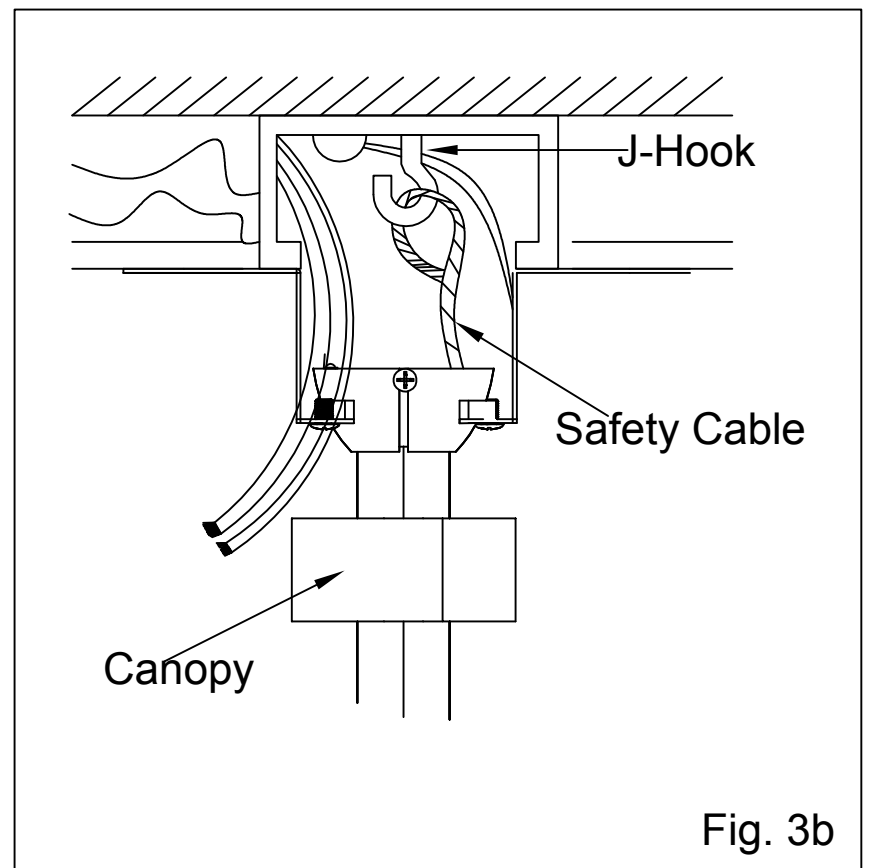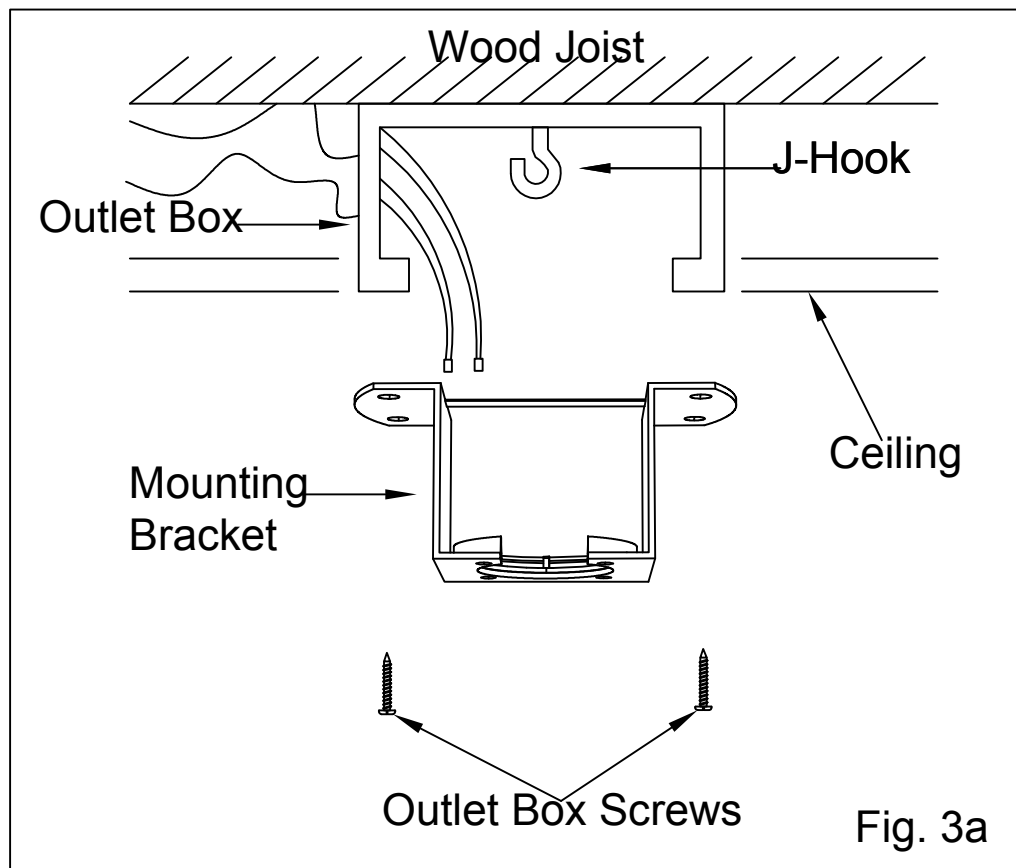
## Step4 ELECTRICAL CONNECTION

A.Make the following wire connections to the receiver unit using the wire nuts supplied.
- Connect GREEN fan wire to BARE (ground) wire.
- Connect BLACK receiver unit wire to BLACK supply wire.
- Connect WHITE receiver unit wire to WHITE supply wire.
- After making the wire connections, ensure the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and the ungrounded conductor on the other side of the outlet box.
- Ensure the splices after being made should be turned upward and pushed carefully up into the outlet box.
- Connect the wires by color according to the wiring diagram.

# Installation Instructions

## Wiring of ceiling fan

Ceiling

Motor white Wire (to receiver white Wire)

Ground Wire

Live Wire L (Black Wire)

Motor blue Wire (to receiver blue Wire)

Neutral Wire N (White Wire)

Motor Brown Wire (to receiver yellow Wire)

Motor red Wire (to receiver red Wire)

Motor gray Wire (to receiver gray Wire)

Receiver

Ground Wire
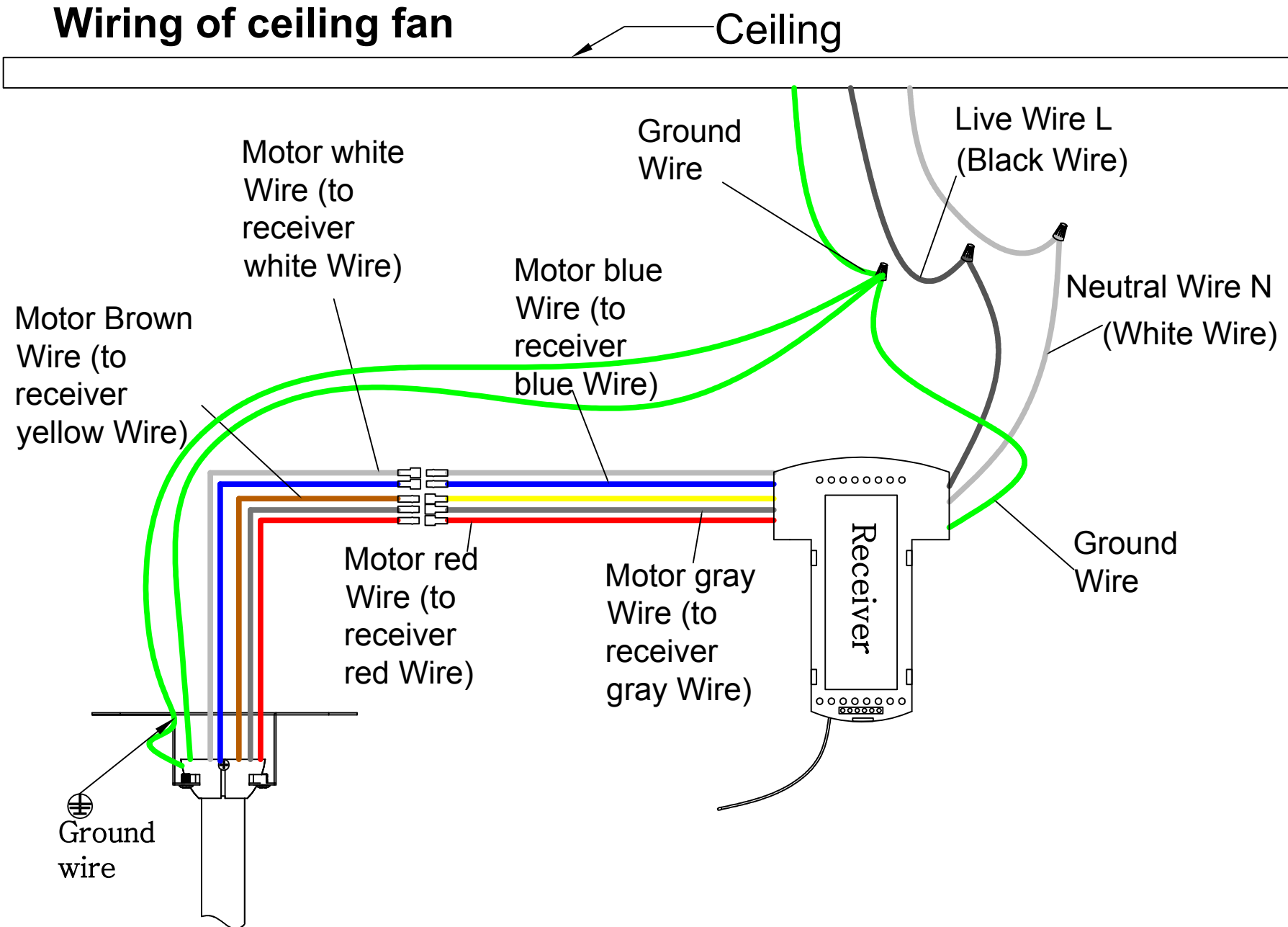
Ground wire

**NOTE:** Once ground wires are connected, carefully tuck all wires and receiver into the metal box making sure that the wires are clear of the hemisphere and down rod when positioned in hemisphere and down rod when positioned in mounting bracket.

B. Push all connected wires up into ceiling box.
- Position the receiver into the mounting bracket as shown direction.
- When installing the canopy, ensure the antenna is not pressed by the canopy.
- Ensure to connect all ground wires accordingly.

Mounting Bracket

Receiver

Canopy

Fig. 4
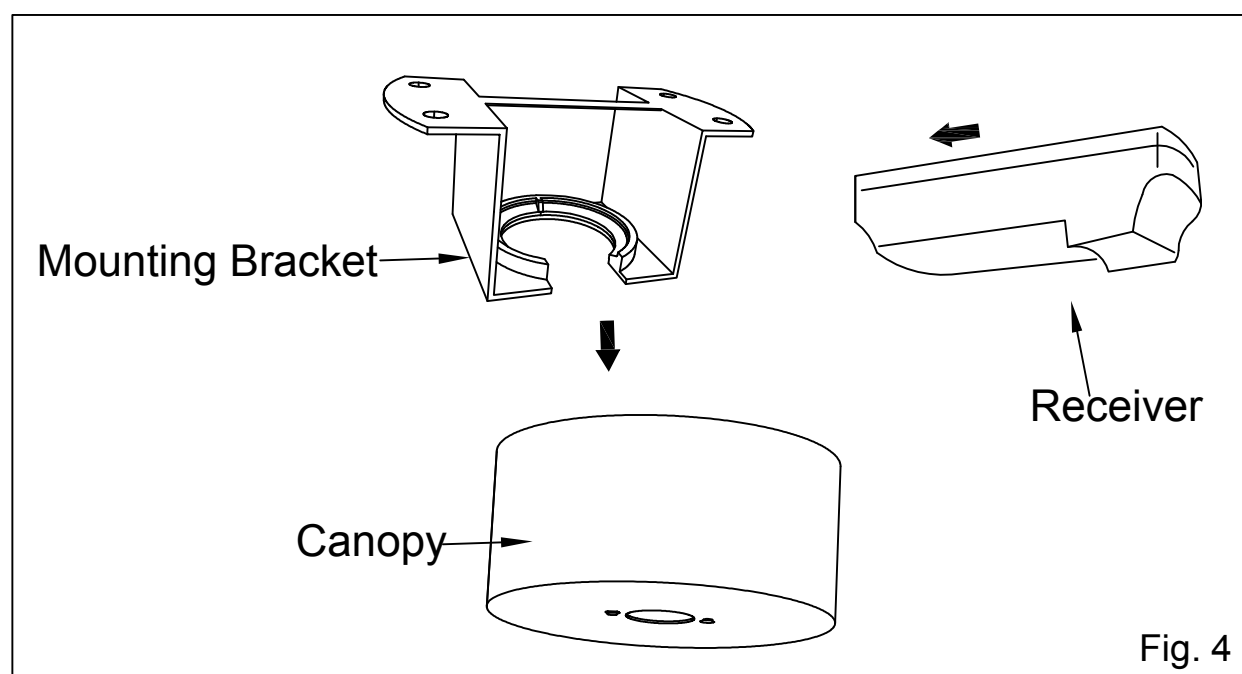
# Installation Instructions

## Controller line name

(White wire)

(Black wire)

Live wire L

(White wire)

Neutral wire N

Ground wire

(Blue wire)

(Yellow wire)

(Gray wire)

(Red wire)

◆ RF wireless digital transmission technology,one-to-one control, the weight rate is less than one part of a million (if there is any damage, the controller and remote control must be sent back to the manufacturer for repair).

◆ In the allowable space, the load can be controlled by any Angle of the remote control and the direction is not limited.

## Instructions for remote control

1

2

3

4

5

6

1
2
3
6
5
4

1H  4H
2H  8H

7

8

1.Led indicator
2.Speed control  (1-6)
3.Fan OFF/learing mode
4.Fan Reverse / Forward
5.Timer  (1H-2H-4H-8H)
6.Lamp  switch/3 color temperature change
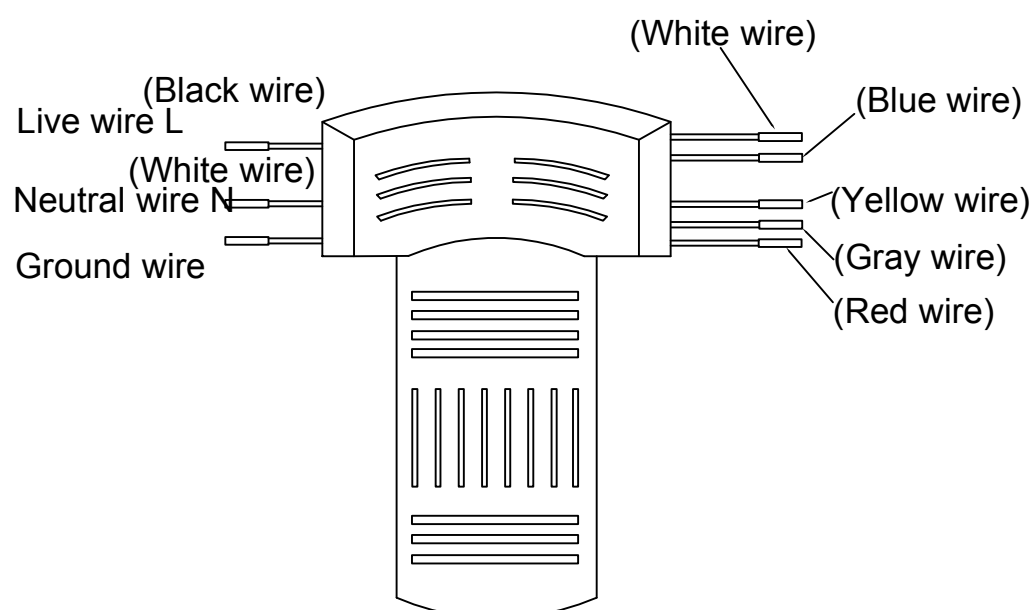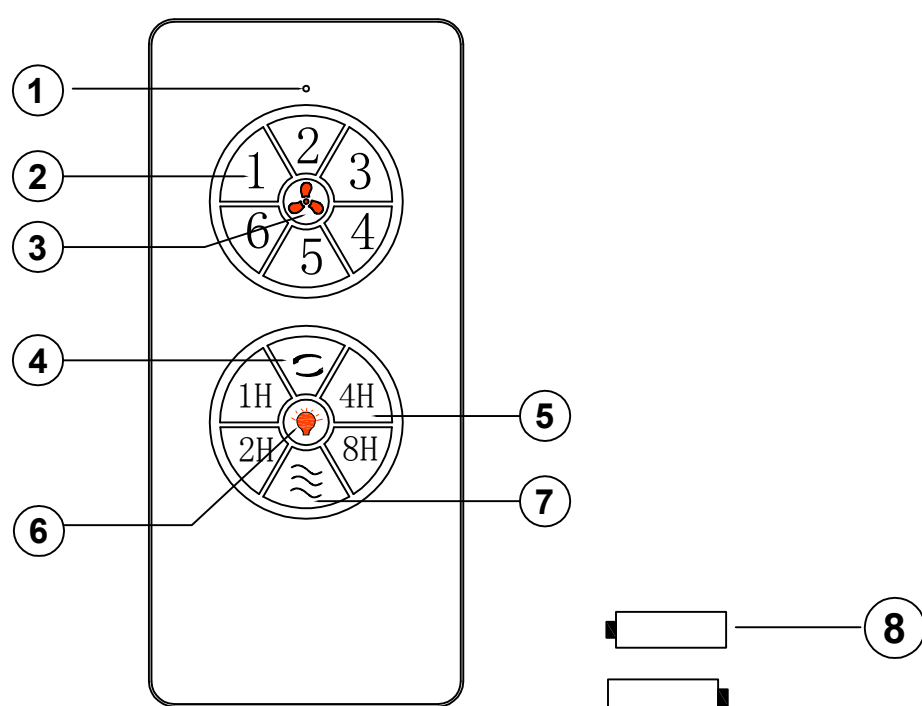7.Natural wind
8.Battery (battery model: AAA, single battery: 1.5V)

1.5V AAA battery(not included)

**Tips:**

1. Pair the remote control with the receiver as a learning code.  Within 1 minute after the receiver is powered on, open the remote control receiving controller;  Press and hold the ⊛ Fan Off/Learning model button.  The beep indicates that the fan is successfully learned and can be used normally. (Note: If the power supply is powered on for more than 1 minute, receiving learning will not be accepted).
2. When the remote control cannot control the controller, please check if the battery is loaded correctly.
3. If the battery voltage is too low, it will affect the remote control distance and may cause remote control malfunction. Please replace the battery in a timely manner.
4. When not in use for a long time, please remove the battery of the remote control.
5. During the installation process, the top cover of the fan cannot compress all the wires tightly, which can easily cause wire breakage and short circuit.

# Installation Instructions

## Step5 MOUNTING FAN ASSEMBLY

- Place two screws and washers on mounting plate which correspond with slots in canopy. Screw in two turns.

## Step6 CONNECT THE HANGING BALL

Insert the receiver into the top of the fan body and make wire connections according to wire colors, labels, and diagram above.
- Wrap each wire connector separately with electrical tape as an extra safety measure.

- After wiring finished, leave the receiver in the bracket and secure it by the electrical tape then secure the canopy to the bracket.

**WARNING:** Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.



Receiver

Fig. 5a

Fig. 5b

Fig. 5c
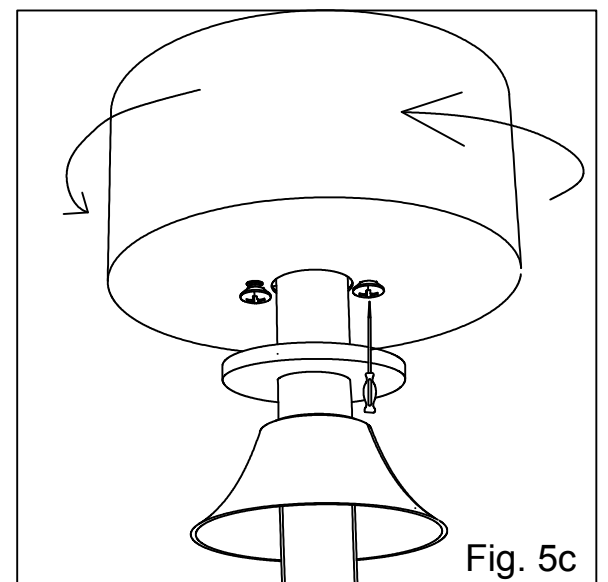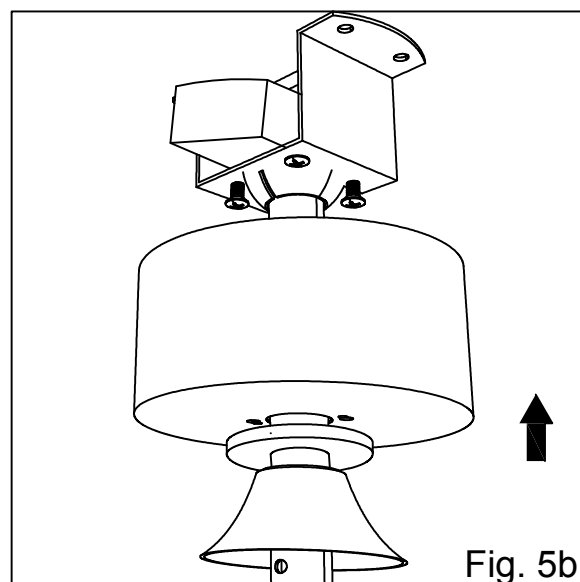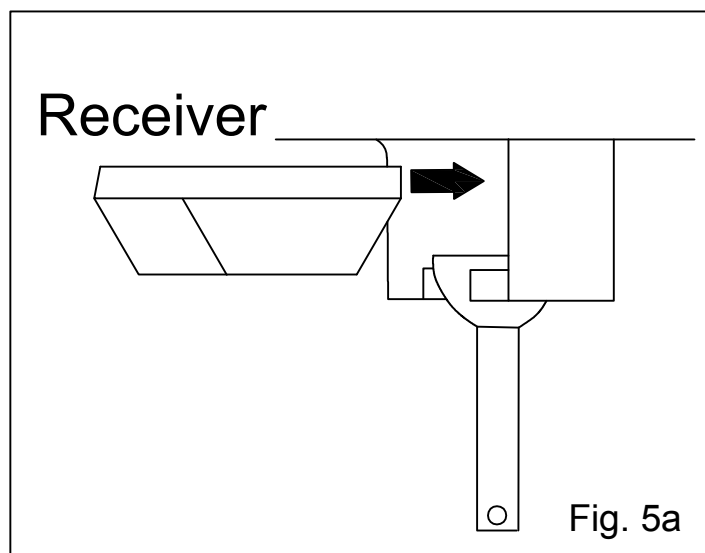
**NOTE:** When installing fan on sloped ceiling, make sure tab on hanger bracket faces towards the top of the slope. Depending on the slope, a longer down rod may be required to prevent fan blades from hitting the ceiling.

# Installation Instructions

## Step7 LIGHT KIT

-Remove the screws on the iron sheet at the bottom of the motor, put the lampshade chassis up, tighten the screw.

- Connect the terminals under the motor to the LED aluminum substrate and fix the LED aluminum substrate

- Install the lamp shade and rotate the lamp shade to the base of the lamp plate.
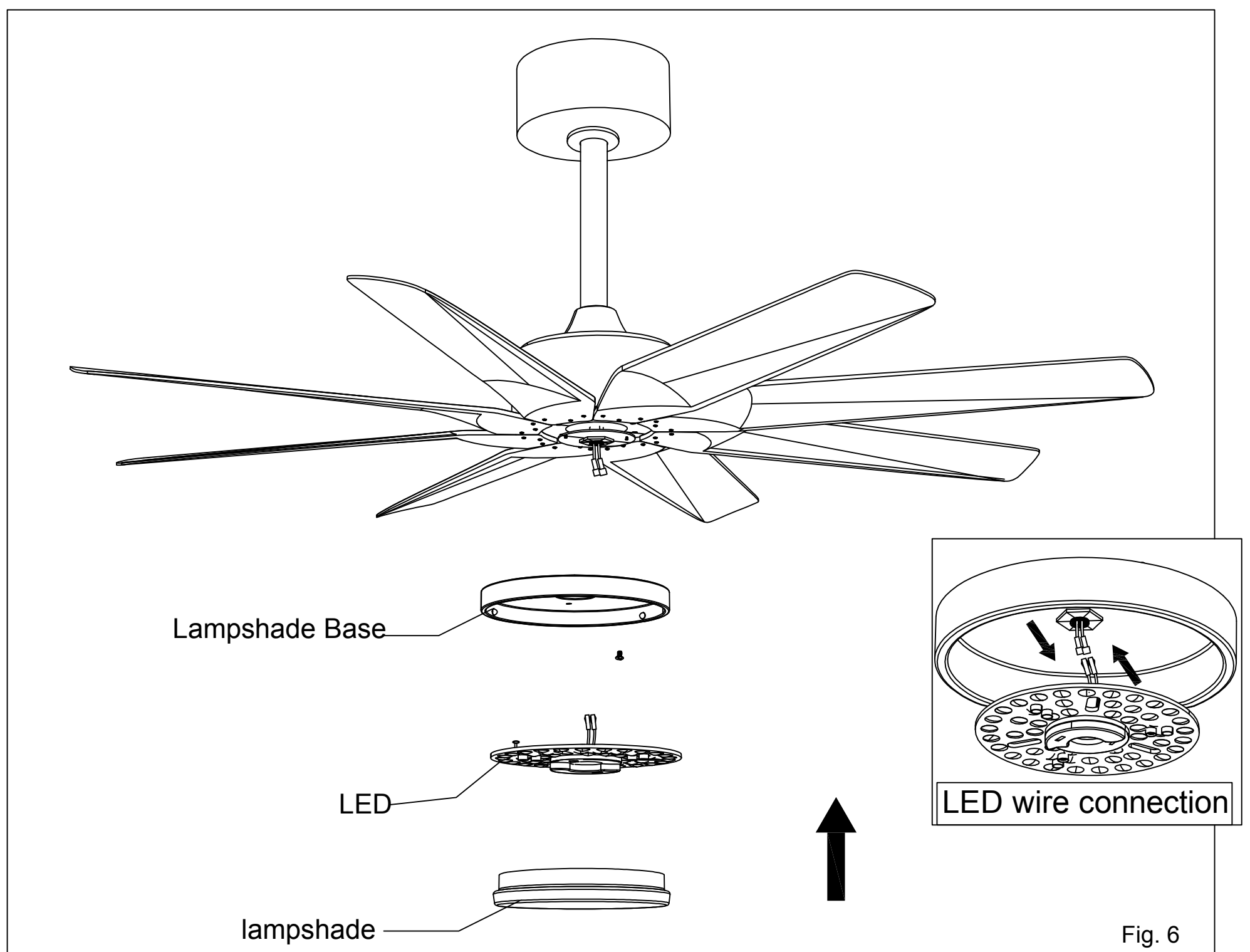


Lampshade Base

LED

LED wire connection

lampshade

Fig. 6

# Troubleshooting Guide

If you have difficulty operating your new ceiling fan it may be the result of incorrect assembly, installation, or wiring. In some cases these installation errors may be mistaken for defects. If you experience any faults please check this troubleshooting guide.

| | Problem | Suggested Remedy |
|---|---|---|
| 1 | If fan does not work. | ☐ Check the fuses or circuit breakers of the main and branch circuits.<br>☐ Check the wiring connections to the fan and the switch wiring connections in the switch housing.<br>☐ Check the battery in the remote control. |
| 2 | If fan sounds noisy. | ☐ Ensure all motor housing screws are snug.<br>☐ Ensure the screws that attach the fan blade bracket to the motor hub are tight.<br>☐ Ensure the wire nut connections are not rattling against each other or the interior wall of the switch housing.<br>☐ Allow a 24-hour "breaking in" period. Most noises associated with a new fan disappear during this time.<br>☐ If you are using the Ceiling Fan light kit, ensure the screws securing the glassware are tight. Check that the light bulbs are also secure.<br>☐ Ensure the canopy is a short distance from the ceiling. It should not touch the ceiling.<br>☐ Ensure your outlet box is secure and rubber is isolate pads were used between the mounting plate and outlet box. |
| 3 | If fan wobbles. | ☐ Check that all blades are screwed firmly into blade holders.<br>☐ Check that all blade holders are tightened securely to motor.<br>☐ Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist.<br>☐ Most fan wobble problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades keeping measure within 1/8 in. Rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal you can adjust blade levels by the following procedure. To adjust a blade tip down insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up insert washer (not supplied) between the blade and blade holder at the two screws farthest the motor.<br>☐ If blade wobble is still noticeable, interchanging two adjacent(side by side) blades can re-distribute the weight and possibly result in smoother operation. |
| 4 | If light does not work. | ☐ Check blue wire from fan to make sure it is connected to hot wire from the house.<br>☐ Check for loose or disconnected wires in fan switch housing.<br>☐ Check for loose or disconnected wires in light kit.<br>☐ Check for faulty light bulbs. CAUTION: Make sure main power is turned off before entering switch housing.<br>☐ If the fan light shuts off shortly after being switched on it may be due to excessive current demand. Turn off power to the fan and replace the light bulbs with lower wattage bulbs. Turn on power to the fan using the pull chain, wall switch, or remote control (whichever is installed on the particular fan). |

# Balancing Kit

**The balancing kit should only be used if there is an unacceptable amount of fan wobble after completing all the steps in your Owners Manual under "Attaching The Fan Blades."**

1. Turn the fan on and set the speed control setting to a speed at which the wobbles is the greatest.

2. Turn off the fan and allow it to a come to a complete stop. Select one blade and place the balance clip on it, halfway between the blade holder and the blade tip on the trailing edge of blade.

3. Turn the fan on. Note whether the wobble has increased or decreased. Turn the fan off, move the clip to another blade, and retest. Repeat this procedure on all blades noting the blade on which the greatest improvement is achieved.

4.  Move the clip back to the blade that showed the greatest improvement. Move the clip inward and outward on this blade and operate the fan to find the position where the clip gives the greatest improvement.

5. Remove the clip and install a balancing weight to the top of blade along the center line near the point where the clip was positioned.

6. If the fan wobble problem has not been corrected you may wish to try to improve the balancing further by using the balancing clip and additional weights.

Balance Clip

Balancing